Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 10 Mar 2023 until 23:59 on Saturday 11 Mar 2023

Forecast Issued on Friday 10 Mar 2023 at 04:31

Confidence: High becoming Medium in details from Sunday.

Headline for Friday 10 Mar 2023: Snow quickly clearing then becoming sunny. Winds easing. Winter hazards.

Mountain weather hazards on Friday 10 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow showers	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
50%	40%	<05%	<05%	00%	00%

Forecast for Friday 10 Mar 2023

Weather: Snow at first, perhaps heavy with blizzards, drifting and whiteout conditions. The snow will quickly turn more showery this morning with sunny spells developing. Mainly dry and sunny this afternoon, although the odd light snow shower is possible. Clear and quickly becoming frosty this evening.

Chance of cloud-free hill tops above 600m: Nil at first rising to 100% this afternoon and evening.

Low Cloud and visibility: Extensive, base 500m or less, at first. Gradually lifting and breaking this morning, then cloud clearing this afternoon. Visibility often poor or very poor early this morning, then becoming very good or excellent this afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 10 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 NE	15/18 N	15/19 N	9/12 N	8/11 W	8/10 SW	8/11 SW
300	11/26 NE	9/19 N	10/18 N	6/11 N	6/10 NW	4/8 W	3/7 W
Valley	9/23 N	7/16 N	8/16 N	5/11 N	4/7 NW	2/5 S	1/4 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-11	-3/-10	-2/-8	-1/-6	-2/-6	-3/-7	-3/-8
300	-1/-7	-0/-4	1/-4	1/-1	-2/-6	-4/-8	-7/-10
Valley	-0/-5	1/-2	4/1	4/2	1/-1	-2/-4	-3/-6
Freezing Level*	00m	100m	100m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun glare likely to develop off the snowpack along with ice. Some limited thaw possible from mid-morning to mid-afternoon then refreezing. Strenuous walking in deep snow. Significant windchill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 10 Mar 2023	2.6mm	2.6mm	2.6mm

Forecast for Saturday 11 Mar 2023

Weather: Clear and cold overnight with a moderate or severe frost, perhaps the odd freezing fog patch. Bright with some morning sunshine, but upper cloud increasing with outbreaks of sleet and snow possible from late afternoon. The sleet and snow becoming heavy in the evening with blizzard and whiteout conditions at height.

Maximum wind: South or Southeast 15mph around the middle of the day, increasing 30 gusting 40mph later.

Chance of cloud-free hill tops above 600m: 100% lowering nil in the evening.

Low Cloud and visibility: No significant cloud at first, becoming extensive, base 500m or less, in the evening. Visibility very good falling poor or very poor in the evening.

Temperature: **Valleys:** Minus 8 Celsius rising to plus 3 Celsius
At 600m: Minus 4 Celsius, rising to around Plus zero Celsius very late in the day.
Freezing level: All levels, rising to 500m early afternoon.

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